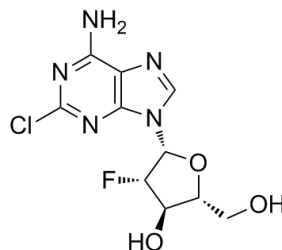


Product Name	: Clofarabine
Synonyms	: Clolar; Evoltra
Cat No.	: M10922
CAS Number	: 123318-82-1
Molecular Formula	: C ₁₀ H ₁₁ ClFN ₅ O ₃
Formula Weight	: 303.68
Chemical Name	: (2S,3S,4R,5R)-5-(6-amino-2-chloro-9H-purin-9-yl)-4-fluoro-2-(hydroxymethyl)tetrahydrofuran-3-ol
Description	: Clofarabine(Clofar; Clofarex) inhibits the enzymatic activities of ribonucleotide reductase (IC ₅₀ = 65 nM) and DNA polymerase.
Pathway	: Cell Cycle/DNA Damage
Target	: DNA/RNA Synthesis
Receptor	: RR
Solubility	: DMSO: 60 mg/mL (197.57 mM)
SMILES	: <chem>O[C@H]1[C@H](CO)O[C@@H](N2C=NC3=C(N)N=C(Cl)N=C23)[C@@H]1F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Bonate PL, et al. Nat Rev Drug Discov, 2006, 5(10), 855-863.